String Machines

Software User Manual

Version 1.0

String Machines

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String Machines

Introduction

String Machines - 11 Renowned String Synths

Back in the 1970's, leading keyboard designers around the world attempted to reproduce orchestral string sounds through analog synthesis. The results were far from their original intent but were in no way failures. Used on countless cult records and engrained in our collective memory to this day, these 'String Machines' bore an analog soul of their own.

We spent countless hours working to faithfully capture these analog souls and present them in an accessible, expressive, fully editable digital tool. So was born String Machines; a hybrid instrument, forged with the analog imprint of the 11 most musical string synthesizers ever built. String Machines offers thousands of samples, painstakingly recorded with the very best analog and digital gear available, combined with our deep knowledge of analog modeling and advanced signal processing. We've applied everything we've learned in order to bring you this comprehensive instrument at an unbelievable price.

UVI String Machines is your doorway to a grand collection of analog gems from some of the most esteemed synth pioneers of our time.

String Machines

System Requirements

Compatibility

Audio Units, VST, MAS, AAX, RTAS or standalone
UVI Workstation 2.5.2 or higher

Minimum System Requirements

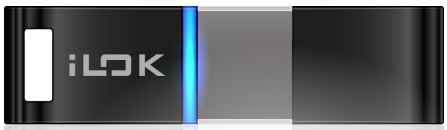
- Intel CPU
- 4 GB of RAM (8 GB+ recommended)
- 765 MB of disk space
- Mac OS X 10.7 or higher
- iLok account (free, dongle not required)

Compatibility

VST, AAX, RTAS or standalone
UVI Workstation 2.5.2 or higher

Minimum System Requirements

- Core Duo or faster
- 4 GB of RAM (8 GB+ recommended)
- 765 MB of disk space
- Windows 7 or higher
- iLok account (free, dongle not required)



Authorize the Way You Want

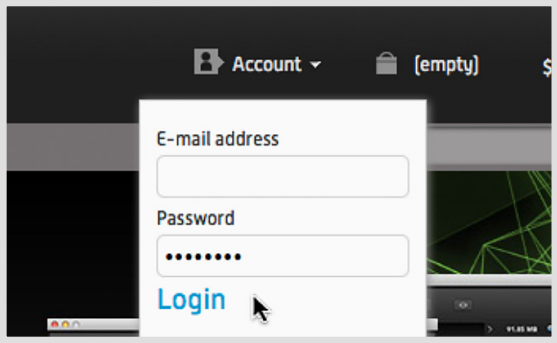
Your license allows 3 concurrent authorizations on any combination of computers and iLok dongles.
License management is a simple drag-and-drop process done through iLok License Manager.
Visit ilok.com/ to download iLok License Manager and create your free account.

String Machines

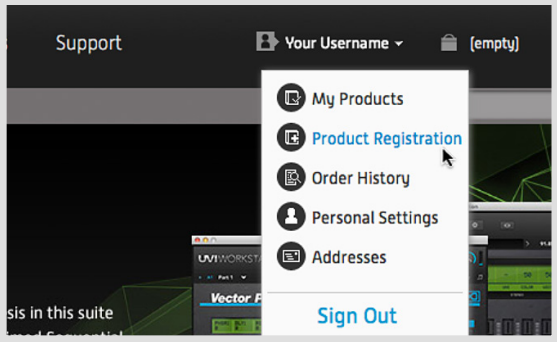
Step 1 Register Your Serial Number

- You must have an account on uvi.net/ and ilok.com/ prior to registration
- If you purchased a **physical version** of this product, your serial number is located on the inside of the box
- If you purchased an **electronic version** of this product, your serial number will be included in a confirmation email
- You can see a list of the products you've registered and their serial numbers anytime at uvi.net/my-products

1. Login to your account on uvi.net/

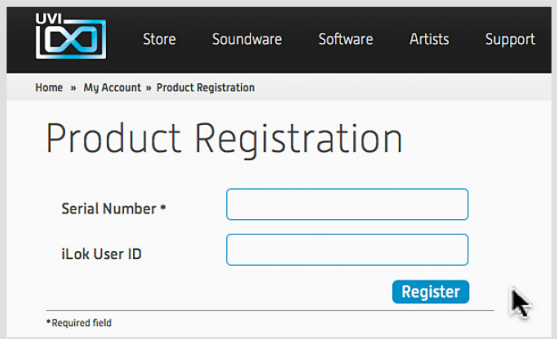


2. Navigate to the 'Product Registration' page



3. Enter your details and click 'Register'

   Upon completion a new license will be deposited in your iLok account



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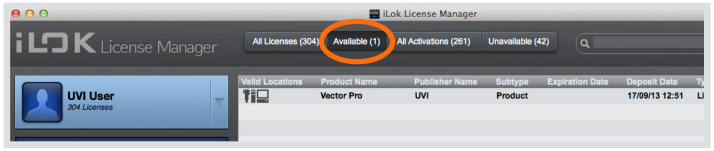
Step 2 Activate Your License

- iLok License Manager is required for activation, download the newest version at ilok.com/ilm.html
- Your license allows up to 3 concurrent activations on any combination of iLok dongles and computers
- Activations can be moved between devices at anytime

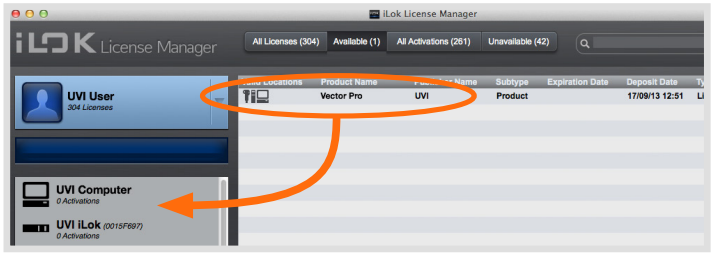
1. Launch iLok License Manager

2. Login to your account

3. Click the 'Available' tab

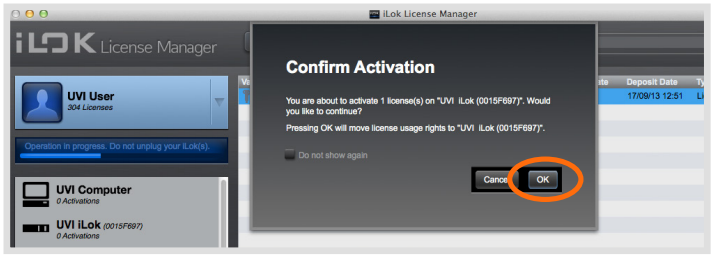


4. Drag the license to your computer or an iLok dongle



5. Click 'Ok' to confirm the activation

   The process is complete, your device is now authorized



» To see how many authorizations you have left simply select the license and click 'Show Details'

» To deactivate your license, right-click it and select 'Deactivate' — doing so will return your license to the 'Available' tab

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Step 3 Install Your Instrument

- UVI Instruments can be stored anywhere on your system
- Storing your instruments on a fast drive will improve performance
- Your instruments can be downloaded at any time from uvi.net/my-products

1. Create a folder on your computer and place your UVI Instruments in it
   Once this is done we need to tell UVI Workstation where to find your instruments.
   We do this by creating a watch folder, follow the steps below to create your own:

2. Open UVI Workstation

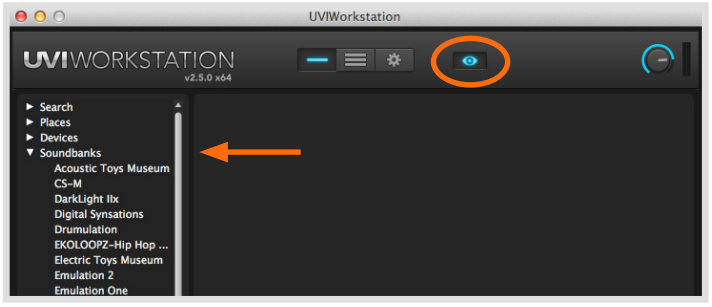
3. Click the Settings page

4. Click the 'Sound Banks' tab

5. Click the '...' button and select the folder where you've placed your instruments

6. Restart UVI Workstation and open the Browser

   Your instruments will be available under the 'Soundbanks' tab



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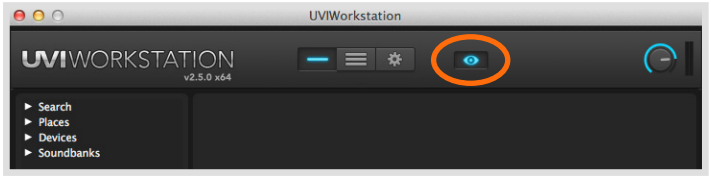
Step 4 Load Your Instrument

- UVI Workstation is required to run UVI Instruments
- The newest version of UVI Workstation can be downloaded free at uvi.net/downloads
- UVI Workstation can be run as a standalone program or as a virtual instrument from within your DAW of choice

1. Open UVI Workstation

2. Click the Browser icon



3. Open the Sound Banks tab

4. Select a product, in this example we'll choose Vector Pro, then select an instrument and patch

   Double-click the patch to load it

5. The UI appears and you're ready to jam!

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Edit Page

The UI is divided into two pages; [Edit] and [Step] . Primary controls such as amp, filter, stereo, pitch and effects are available on the [Edit] page. Clicking the [Edit / Step] switch at the top left of the interface reveals the second page, containing the Step Modulator.

Main

1 Master Presets

Select a global preset from the pull-down menu or browse them with the Prev/Next arrows

2 Page Switch

Change the current page by selecting either Edit or Step

3 Layer Globals

» **On/Off Button**
Turn layers 1 and 2 on or off

» **Volume**
Adjust the Volume of each layer

» **Pan**
Adjust the Pan of each layer

» **Octave Adjust**
Transpose octave of each layer

4 Master Gain

Set the Output Gain for the instrument

Basic Controls

5 Layer Edit

» **Edit 1 | Edit 2 | Edit All**
Choose to edit layers 1 or 2 seperately or simultaneously

6 Pitch

» **Coarse**
Coarse tune in semitones

» **Fine**
Fine tune in cents

» **Glide**
Set the glide time

7 Amplitude

» **ADSR**
Typical envelope for the amp section

» **Vel > Atk**
Modulates attack amount based on incoming note velocity. Low velocities result in long attacks; high velocities result in short attacks.

» **No Vel**
Sets all incoming notes to max velocity

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Edit Page [continued]

Basic Controls (continued)

8 ▶ Stereo

» **Mode**
Off / Alternate Pan / Unison

» **Color**
Shifts color based on adjacent samples

» **Spread**
Change the stereo width

» **Detune**
UNI Mode Only: detunes layers

9 ▶ Filter

» **ADSR**
Typical envelope for filter section

» **Cutoff**
Filter cutoff frequency

» **Resonance**
Adjust the resonance (Q) of the Filter

» **Shape**
Modifies the amount of ADSR envelope to be applied to the Filter

» **Velocity**
Adjust the Velocity > Filter sensitivity

» **Filter Type**
Choose Filter mode: High-Pass, Band-Pass, or Low-Pass

10 ▶ Effects

» **Power/Mix Amount**
Choose from Phaser, Delay, Reverb and Chorus (additional controls available in the Effects page of UVIWS)

11 ▶ Modwheel

» **Power/Amount**
Easily route your controllers Modwheel to control common parameters such as Vibrato, Tremolo and Filter Depth

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Step Page

Step Modulator

12 ▶ Seq Params

Interactive editor for programming sequenced modulations; bar height equals mod amount

» **Res**
Change the sequencers step length

» **Steps**
Change the amount of steps for the sequencer to play

» **Delay**
Delay time to activate first step

» **Rise**
Time to activate step with a smooth transition

» **Smooth**
Interpolates values between adjacent steps to smooth parameter modulation for a custom LFO effect

12 ▶ Mod Routing

» **Mod > Volume**
Set the per-layer volume modulation amount

» **Mod > Filter**
Set the per-layer filter depth modulation amount

12 ▶ Step Editor

Draw the modulation sequence with your mouse

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Preset List

MASTER PRESETS

00 - Default Mono
00 - Default Stereo
01 - Melody Machine
02 - EKO Uni Strings
03 - VP330 Full
04 - Spectral Pad
05 - PTN VelociGate
06 - ChoirXygen
07 - PTN Ambitious
08 - Tibetan Mood
09 - So Brigitte
10 - PTN Technoid
11 - Milky Highway
12 - Para Tangerine
13 - Sweepness
14 - FX CatTalks
15 - Evolupad
16 - Strange Field
17 - Bass Perc Strings
18 - Wheeldorado
19 - Bubble Gum
20 - PTN Gate and Voices
21 - Analog Seventies
22 - PTN Pump me Up
23 - ExpressiVp
24 - PTN Simply Step
25 - Not that Cheezy
26 - PTN Phase B
27 - Morphe to PTN
28 - FX UFO's
29 - Mix City

MACHINE PRESETS

Classic PE2k
Strings 1
Strings 2
Chorus 1
Chorus 2
Brass 1
Brass 2
Pipe 1
Pipe 2

Eko Stradi
Strings
Violin
Tutti

Excelsior
Cello
Strings
Cello Strings
Strings Ensemble

Logan Bass
Strings Bass
Percs
Perc + Bass

Melody
Cello
Viola
Violin
Orchestra

Performer
Strings 8
Strings 16
Strings 8+16

Rhapsody
Cello
Cello + Strings
Strings

S - Orchestra
Cello
Violin

Solina
Full
Violin
Viola
Horn
Trumpet

Solina Bass
ContraBasso
Cello

SS - Thirty Cello
Cello 1 Flat
Cello 1 Mod 1
Cello 1 Mod 2
Cello 1+2 Mod 1
Cello 1+2 Mod 2
Cello 2 Flat
Cello 2 Mod 1
Cello 2 Mod 2

SS - Thirty Violin
Tutti Violin Mod 1
Tutti Violin Mod 2
Violin 1 Flat
Violin 2 Flat
Viola Flat
Viola + Violin Mod 1
Viola + Violin Mod 2

US - 505
Strings-I-4
Strings-I-8
Strings-I-4+8
Strings-II-4
Strings-II-8
Strings-II-4+8
Strings-III-4
Strings-III-8

VP- Stereo
All Choirs
Strings
Choirs 4
Choirs 8

Extra Attack
Pizz
Stacc

String Machines

UVI Workstation: Tips + Tricks

MIDI Learn

Most UVI Workstation parameters can be automated via. a convenient MIDI Learn. MIDI Learn allows you to bind a physical MIDI controller to specific parameters within UVI Workstation.

- Any FX tab parameter, Macro Knob or Slider in UVI instruments can use the MIDI Learn feature
- The MIDI controller type and the MIDI Channel assignment will be saved with the multi or with your song in the host sequencer
- Automation is assigned per-part

To use MIDI Learn:
1. Right-click the parameter in UVI Workstation that you want to automate
2. After the MIDI Learn dialog appears, Trigger the desired MIDI input controller (knob, fader etc.)

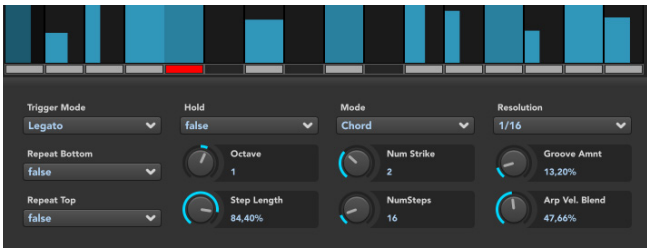
To remove a MIDI controller assignment:
Right-click the desired parameter and press “Delete”

Unlimited FX

UVI Workstation offers a wide variety of FX, or effect processors, to cover all your audio processing needs. The FX implementation is robust and includes the ability to insert unlimited FX slots in several stages of the signal flow.

- Click the “FX” tab to open the FX page on the Single view
- In Multi view the FX section is always displayed

Arpeggiator

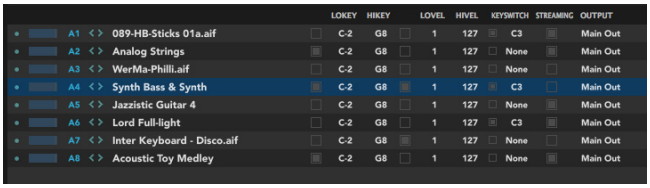


UVI Workstation comes equipped with a robust arpeggiator. To insert an arpeggiator in a part, you need to display the Single view in the UVI Workstation, then click on the note icon. The arpeggiator can be employed as a pattern gate, arpeggiator, or even an advanced rhythmic processor for your live MIDI performance or sequenced MIDI tracks. Arpeggiators can be inserted in an unlimited number of parts.

Preset Stacking

Thanks to the simplicity of the UVI Workstation you can stack as many preset as you want by simply assign multiple part on the same MIDI channel.

Split, Velocity & Key Switch



The Keyswitch settings allow you to load multiple presets into two or more parts and dynamically play and mute them from your MIDI controller using key switching, note range, velocity range or any combination of the three parameters. This powerful feature gives you a great deal of real-time control.

Scroll Wheel

All knobs can be adjusted with the scroll wheel on your mouse. When you double-click on any knob or slider, you can manually enter or type in the desired value.

Links

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Home . . . . . uvi.net/

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FAQ . . . . . uvi.net/faq

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FAQ . . . . . ilok.com/supportfaq

String Machines

Credits and Thanks

Produced by UVI

Recording / Editing / Sound Design
Damien Vallet
Emmanual Usai
Alain J Etchart

Software + Scripting
Olivier Tristan
Remy Muller

GUI
Nathaniel Reeves

Special Thanks
Gert Prix @ eboardmuseum

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